

TUCSON POLICE DEPARTMENT

CRIME LABORATORY *ph*

The undersigned Quality Assurance Specialist, having been qualified by the Arizona Department of Public Safety for Intoxilyzer 5000 inspection, and having performed such inspections on Intoxilyzer 5000 # 12, Serial # 64-0025116, certifies by her signature:

on 7/9/04, with a result of 0.078 AC, 0.076 AC,

and on 8/9/04, with a result of 0.073 AC, 0.072 AC,

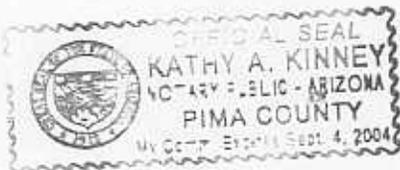
this instrument was tested with a known alcohol reference standard, and always produced results within the acceptable accuracy limits (from 0.070 AC, to 0.090 AC), as defined by R9-14-404.A.3.

No problems were reported concerning this instrument between these two dates.

*Jennifer L. Coombs*  
Jennifer L. Coombs

ADPS QAS Permit #QAS 29886 (issue date 06/15/2004)

SUBSCRIBED AND SWORN to before me



this 10, day of August, 2004.

*Kathy A. Kinney*  
Notary Public

P-1096  
jlc

EXHIBIT Q

THIS REPORT PREPARED PURSUANT TO DUTY IMPOSED BY  
A.A.C. R9-14-404(A)

ARIZONA DEPARTMENT OF HEALTH SERVICES

STANDARD QUALITY ASSURANCE PROCEDURES <sup>ph</sup>  
INTOXILYZER MODEL 5000\*

AGENCY Tucson Police QA SPECIALIST Jennifer Coombs 46160  
(Print Name)

INTOXILYZER SERIAL # 64-002516 (#12) LOCATION ODS  
DATE July 9, <sup>is</sup> 2004 TIME 0833  
<sub>jlc</sub>

Display reads "READY TO START" or "PUSH BUTTON TO START TEST."

DIAGNOSTIC TESTS

- DVM Test check. Setting should be between .200 and .600. Mode selection switch S2 on, S1 and S3 off or keyboard menu selection "H". Reading is .344.
- Display Test check. Mode selection switch S1 on and S2 and S3 off or keyboard menu selection "V".
- Printer Test check. Mode selection switch S1, S2, S3 off or keyboard menu selection "P".
- \* Clock time check. Mode selection switch S10 on or keyboard menu selection "E".
- Date check. Mode selection switch S11 on or keyboard menu selection "E".

OPERATIONAL TESTS

- Alcohol free subject Test result 0.000 AC
  - Error recognition logic system functioning  
Invalid test printed
  - Proper sample recognition system  
Invalid sample printed ✓  
Deficient sample printed ✓
  - N/A Completeness of sample purge with collection tube\*\*
  - Calibration standard 0.080 AC  
Results: 0.078 AC & 0.076 AC
- Instrument operating properly and accurately. YES  NO

COMMENTS: \* moved clock ahead 0830 → 0836

SIGNATURE Jennifer L. Coombs

0. N/A alcohol concentration standard collected for subsequent analysis.\*\*

\*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD  
\*\*THIS STEP IS ONLY REQUIRED IF THIS DEVICE IS BEING USED FOR SAMPLE CAPTURE.

P. 396  
file

# Tucson Police Department Crime Laboratory <sup>784</sup>

#12

FEDERAL SIGNAL CORP. / CMI INC  
INTOXILYZER - ALCOHOL ANALYZER  
AZ MODEL 5000 SN 64-002516  
07/09/04

TEST	BAC VALUE	TIME
AIR BLANK	.000	08:46
CAL. CHECK	.076	08:47
AIR BLANK	.000	08:47

SUBJECT'S NAME \_\_\_\_\_

TIME FIRST OBSERVED \_\_\_\_\_ INSTRUMENT LOCATION **ODS**

OPERATOR **46160**

ADDITIONAL INFORMATION AND/OR REMARKS \_\_\_\_\_



INTOXILYZER® INSTRUMENT PRINTER CARD

© 1986 by CMI INC.

#12

FEDERAL SIGNAL CORP. / CMI INC  
INTOXILYZER - ALCOHOL ANALYZER  
AZ MODEL 5000 SN 64-002516  
07/09/04

TEST	BAC VALUE	TIME
AIR BLANK	.000	08:43
CAL. CHECK	.078	08:44
AIR BLANK	.000	08:44

SUBJECT'S NAME \_\_\_\_\_

TIME FIRST OBSERVED \_\_\_\_\_ INSTRUMENT LOCATION **ODS**

OPERATOR **46160**

ADDITIONAL INFORMATION AND/OR REMARKS \_\_\_\_\_



INTOXILYZER® INSTRUMENT PRINTER CARD

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P. 596  
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EXHIBIT P

THIS REPORT PREPARED PURSUANT TO DUTY IMPOSED BY  
A.A.C. R9-14-404(A)

ARIZONA DEPARTMENT OF HEALTH SERVICES

STANDARD QUALITY ASSURANCE PROCEDURES  
INTOXILYZER MODEL 5000\*

STANDARD CALIBRATION CHECK PROCEDURE <sup>ASH</sup>

Agency Tucson Police Department Date 7/9/04 Time 0833  
Intoxilyzer Serial# 64-002576 (#12) Location ODS  
QA Specialist Jennifer Coombs 46/60  
(Print Name)

- ( ✓ ) 1. Pour a standard alcohol solution of known value into a clean dry simulator jar and assemble the simulator. Insure that a tight seal has been made. Standard value: 0.080 AC
- ( ✓ ) 2. Turn on the simulator and allow the temperature to reach  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ .
- ( ✓ ) 3. Set Intoxilyzer mode selection in the ACA mode by switching mode selection switch #9 on or selecting "C" on keyboard menu.
- ( ✓ ) 4. Attach simulator to the simulator entrance port on the Intoxilyzer.
- ( ✓ ) 5. Intoxilyzer 5000 display reads "READY TO START" or "PUSH BUTTON".
- ( ✓ ) 6. Push Start Test button or press enter on keyboard.
- ( ✓ ) 7. Insert card in response to display.
- ( ✓ ) 8. Air blank completed.
- ( ✓ ) 9. Calibration check completed. Test results 0.078 AC # 0.076 AC
- ( ✓ ) 10. Air blank completed.
- ( ✓ ) 11. When display reads Test Complete remove evidence card. Attach the card to the completed checklist.
- ( ✓ ) 12. Return mode selection switch #9 to off position after all calibration checks are complete or type Q and enter on keyboard.

SIGNATURE Jennifer L. Coombs

\*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD

1 of 6  
jlc

EXHIBIT Q

THIS REPORT PREPARED PURSUANT TO DUTY IMPOSED BY  
A.A.C. R9-14-404(A)

ARIZONA DEPARTMENT OF HEALTH SERVICES

STANDARD QUALITY ASSURANCE PROCEDURES *AM*  
INTOXILYZER MODEL 5000\*

AGENCY Tucson Police QA SPECIALIST Jennifer Coombs 46160  
(Print Name)

INTOXILYZER SERIAL # 64-002516 (#12) LOCATION ODS  
DATE August 9, 2004 *jlc* TIME 0913

Display reads "READY TO START" or "PUSH BUTTON TO START TEST."

DIAGNOSTIC TESTS

- DVM Test check. Setting should be between .200 and .600. Mode selection switch S2 on, S1 and S3 off or keyboard menu selection "H". Reading is .351.
- Display Test check. Mode selection switch S1 on and S2 and S3 off or keyboard menu selection "V".
- Printer Test check. Mode selection switch S1, S2, S3 off or keyboard menu selection "P".
- Clock time check. Mode selection switch S10 on or keyboard menu selection "E".
- Date check. Mode selection switch S11 on or keyboard menu selection "E".

OPERATIONAL TESTS

- Alcohol free subject Test result 0.000 AC
  - Error recognition logic system functioning  
Invalid test printed
  - Proper sample recognition system  
Invalid sample printed ✓  
Deficient sample printed ✓
  - N/A Completeness of sample purge with collection tube\*\*
  - Calibration standard 0.080 AC *jlc*  
Results: 0.073 AC & 0.072 AC
- Instrument operating properly and accurately. YES  NO

COMMENTS: \* moved clock ahead 0913-0915

SIGNATURE Jennifer L. Coombs

0. N/A alcohol concentration standard collected for subsequent analysis.\*\*

\*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD  
\*\*THIS STEP IS ONLY REQUIRED IF THIS DEVICE IS BEING USED FOR SAMPLE CAPTURE.

3 of 6  
JLH

# Tucson Police Department Crime Laboratory *TM*

#12

FEDERAL SIGNAL CORP. / CMI INC  
INTOXILYZER - ALCOHOL ANALYZER  
AZ MODEL 5000 SN 64-002516  
08/09/04

TEST	BAC VALUE	TIME
AIR BLANK	.000	09:26
CAL. CHECK	.072	09:26
AIR BLANK	.000	09:26

TIME FIRST OBSERVED \_\_\_\_\_ SUBJECT'S NAME \_\_\_\_\_  
 OPERATOR 46/60 INSTRUMENT LOCATION ODS

ADDITIONAL INFORMATION AND/OR REMARKS \_\_\_\_\_

INTOXILYZER® INSTRUMENT PRINTER CARD  
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#12

FEDERAL SIGNAL CORP. / CMI INC  
INTOXILYZER - ALCOHOL ANALYZER  
AZ MODEL 5000 SN 64-002516  
08/09/04

TEST	BAC VALUE	TIME
AIR BLANK	.000	09:24
CAL. CHECK	.073	09:25
AIR BLANK	.000	09:25

TIME FIRST OBSERVED \_\_\_\_\_ SUBJECT'S NAME \_\_\_\_\_  
 OPERATOR 46/60 INSTRUMENT LOCATION ODS

ADDITIONAL INFORMATION AND/OR REMARKS \_\_\_\_\_

INTOXILYZER® INSTRUMENT PRINTER CARD  
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596  
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EXHIBIT P

THIS REPORT PREPARED PURSUANT TO DUTY IMPOSED BY  
A.A.C. R9-14-404(A)

ARIZONA DEPARTMENT OF HEALTH SERVICES

STANDARD QUALITY ASSURANCE PROCEDURES  
INTOXILYZER MODEL 5000\*

784

STANDARD CALIBRATION CHECK PROCEDURE

Agency Tucson Police Department Date 8/9/04 Time 0913  
Intoxilyzer Serial# 64-002516 (#12) Location ODS  
QA Specialist Jennifer Coombs 46660  
(Print Name)

- ( ✓ ) 1. Pour a standard alcohol solution of known value into a clean dry simulator jar and assemble the simulator. Insure that a tight seal has been made. Standard value: 0.080 AC
- ( ✓ ) 2. Turn on the simulator and allow the temperature to reach  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ .
- ( ✓ ) 3. Set Intoxilyzer mode selection in the ACA mode by switching mode selection switch #9 on or selecting "C" on keyboard menu.
- ( ✓ ) 4. Attach simulator to the simulator entrance port on the Intoxilyzer.
- ( ✓ ) ( ✓ ) 5. Intoxilyzer 5000 display reads "READY TO START" or "PUSH BUTTON".
- ( ✓ ) ( ✓ ) 6. Push Start Test button or press enter on keyboard.
- ( ✓ ) ( ✓ ) 7. Insert card in response to display.
- ( ✓ ) ( ✓ ) 8. Air blank completed.
- ( ✓ ) ( ✓ ) 9. Calibration check completed. Test results 0.073AC\*0.072AC
- ( ✓ ) ( ✓ ) 10. Air blank completed.
- ( ✓ ) ( ✓ ) 11. When display reads Test Complete remove evidence card. Attach the card to the completed checklist.
- ( ✓ ) 12. Return mode selection switch #9 to off position after all calibration checks are complete or type Q and enter on keyboard.

SIGNATURE Jennifer L. Coombs

\*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD